

Monomer TMP3EOTA

Product Description

Trimethylolpropane ethoxy triacrylate (TMP3EOTA) is a low viscosity, low skin irritancy tri-functional acrylate with excellent crosslinking reactivity used in ultraviolet light (UV) and electron beam (EB) curable inks and coatings. It exhibits excellent solvency and viscosity reducing characteristics especially in formulations based on epoxy, polyurethane, and polyester oligomers.

Chemical Data

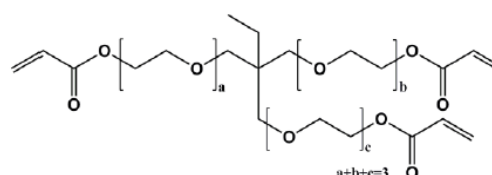
Chemicals Name

Trimethylolpropane ethoxylated Triacrylate

CAS:

28961-43-5

Molecular Formula



Typical properties

Appearance

Clear liquid

Color (APHA), max.

≤ 50

Viscosity, 25°C, cps

50-80

Density, g/ml at 25°C

1.1

Water wt% max

≤ 0.2

Acid value, mg KOH/g, max.

≤ 0.3

Advantages

- Low color and viscosity
- High acrylate functionality
- Good flexibility
- Rapid cure response
- Improved adhesion

Applications

UV or EB cured inks, coatings, varnishes, and electronic applications as photoresists

Packing & Storage

- 200kg Metal Drums
- This monomer should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures below 38°C. Exposure to direct sunlight should be avoided
- Recommended shelf life is 1 year

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.